005750 0869250

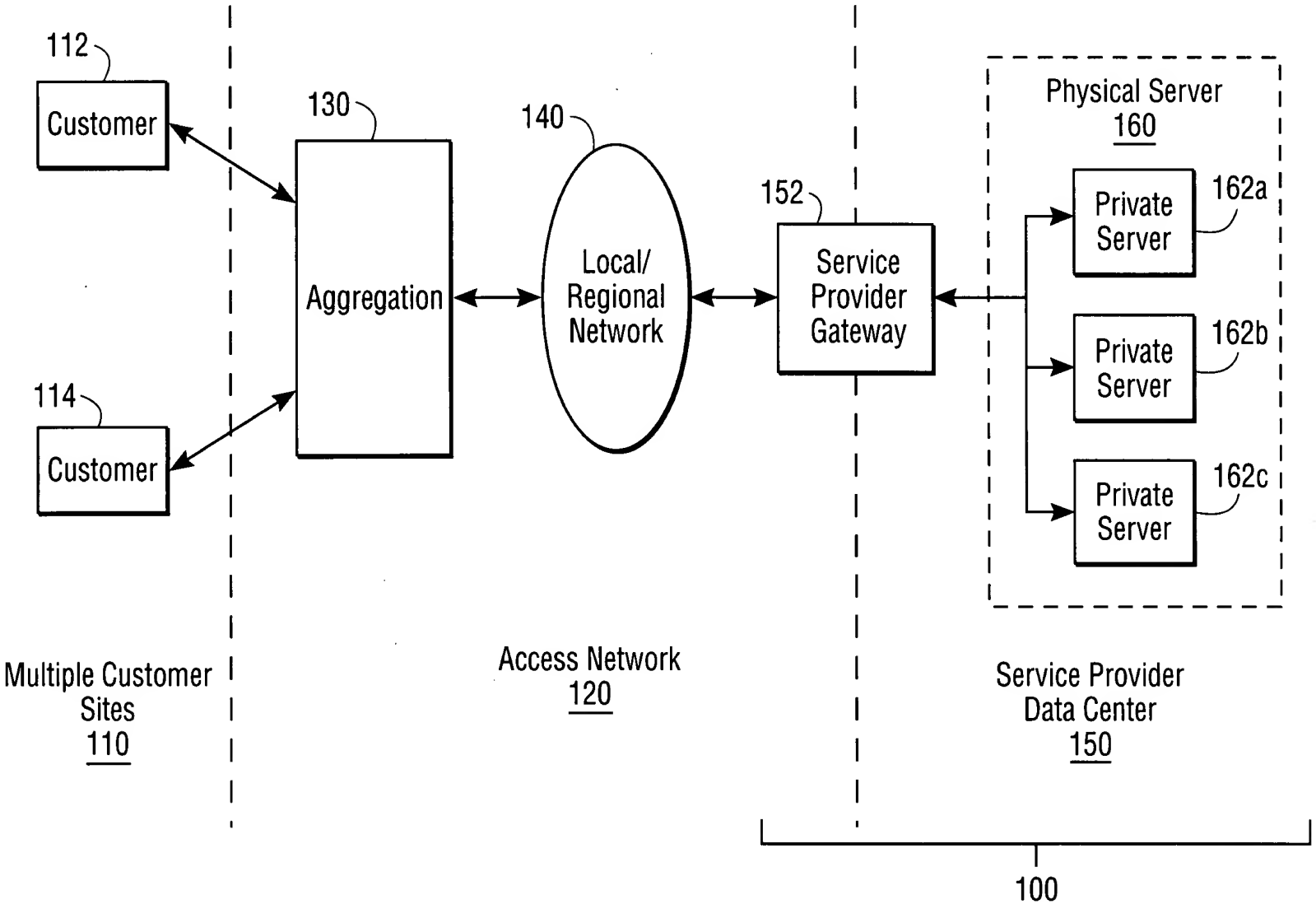
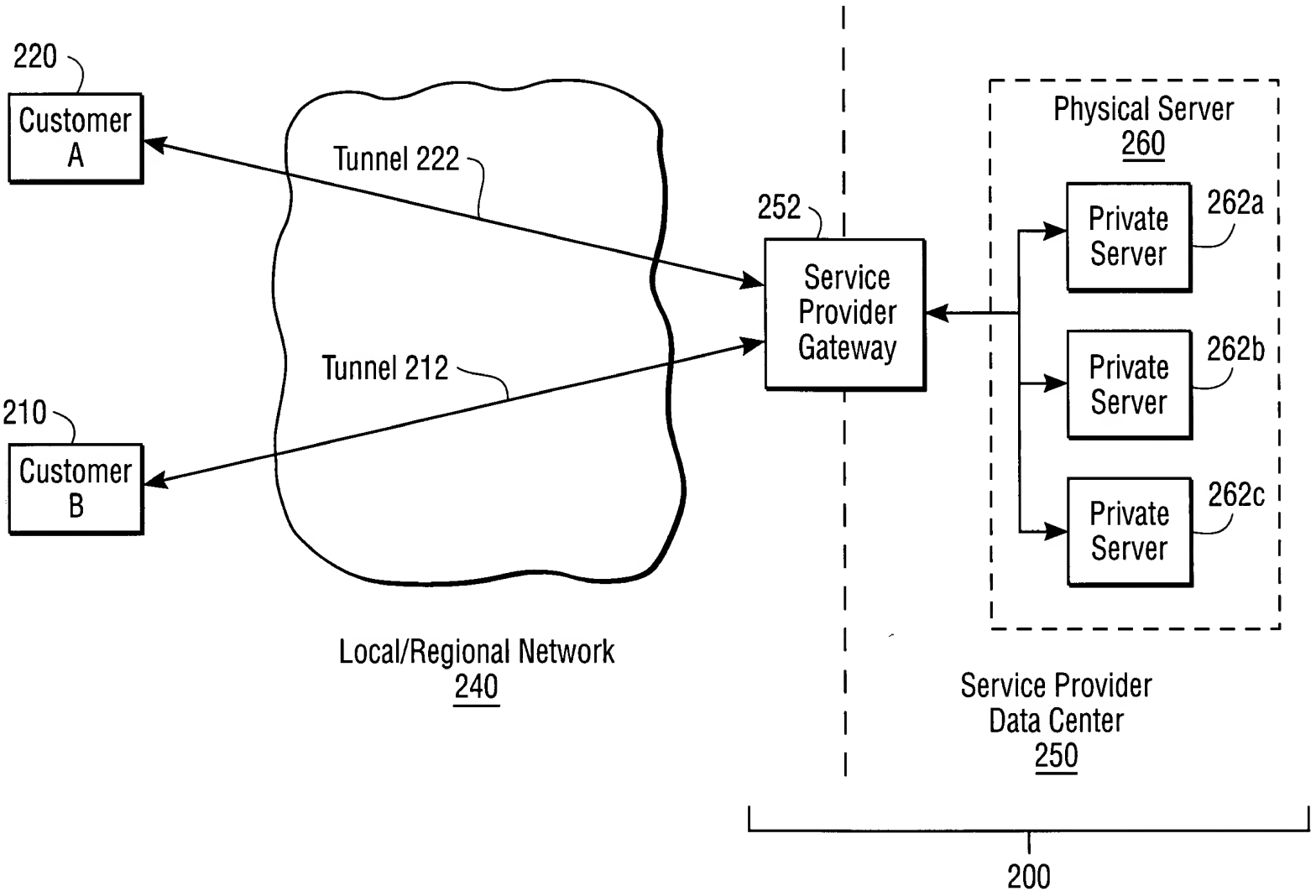


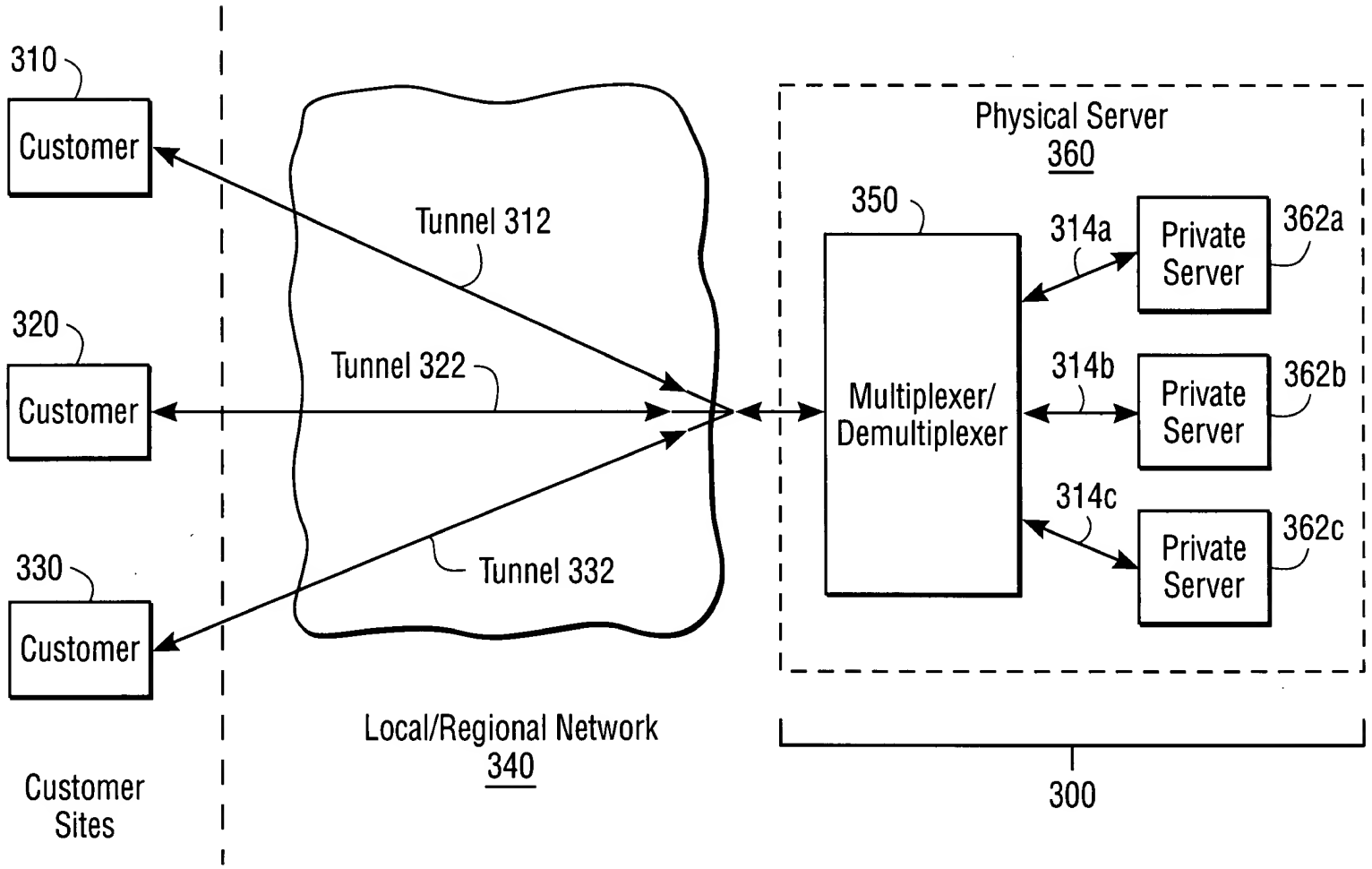
FIG. 1



Tunnel Connections

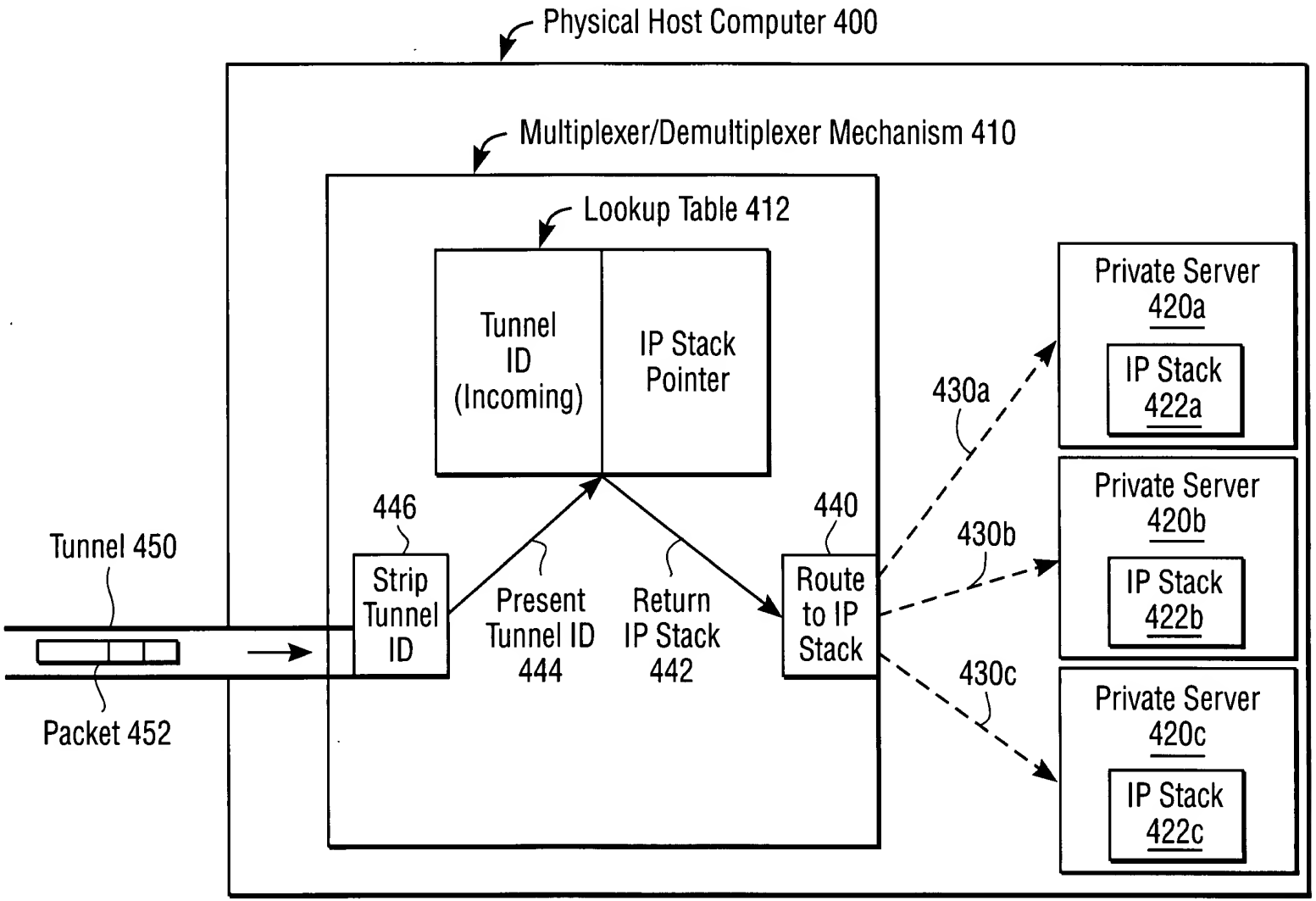
FIG. 2

POSTED 06/03/2002



Multiplexing of Tunnels

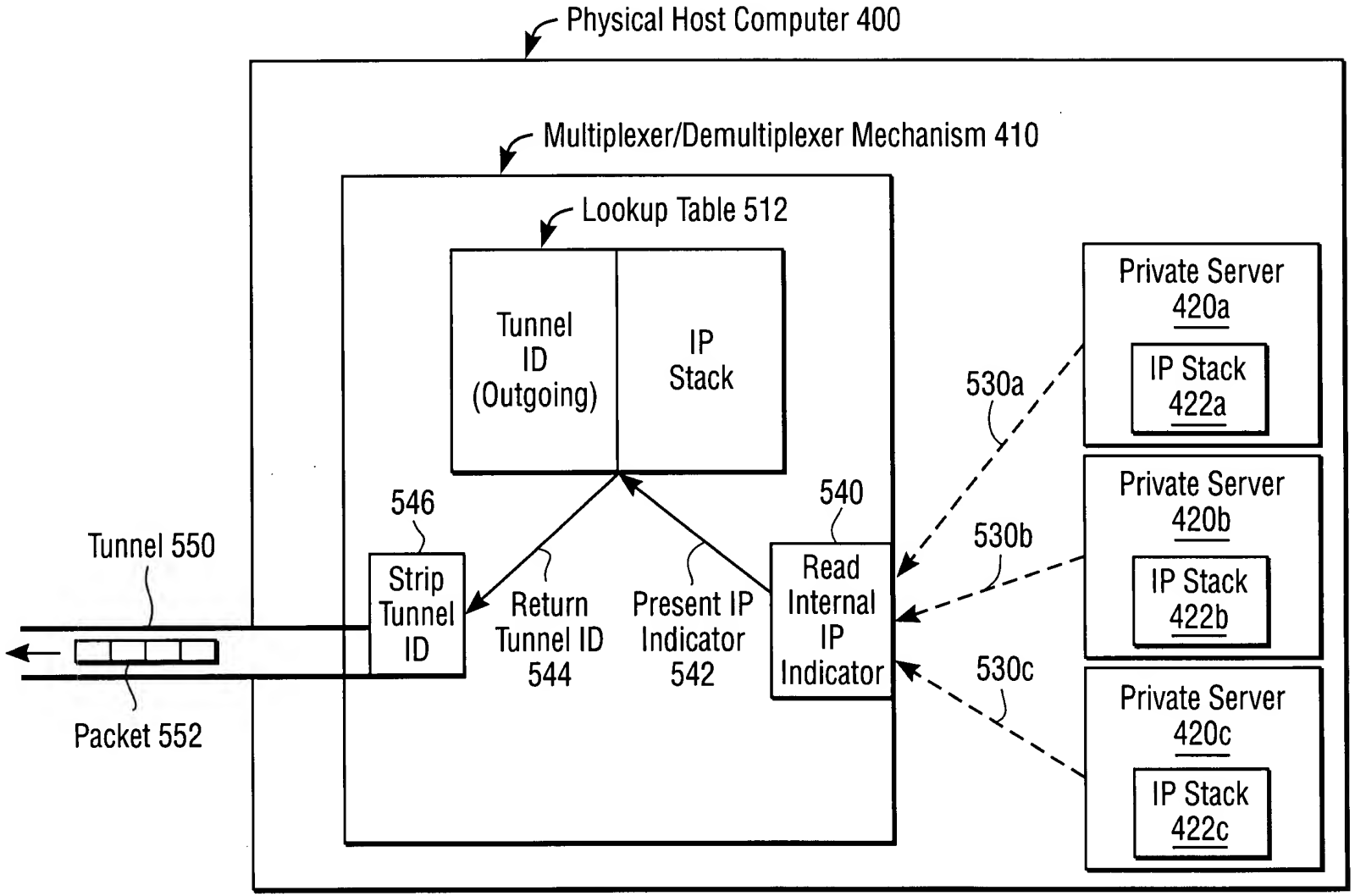
FIG. 3



Multiplexer/Demultiplexer
Tunnel-to-Private Server Traffic

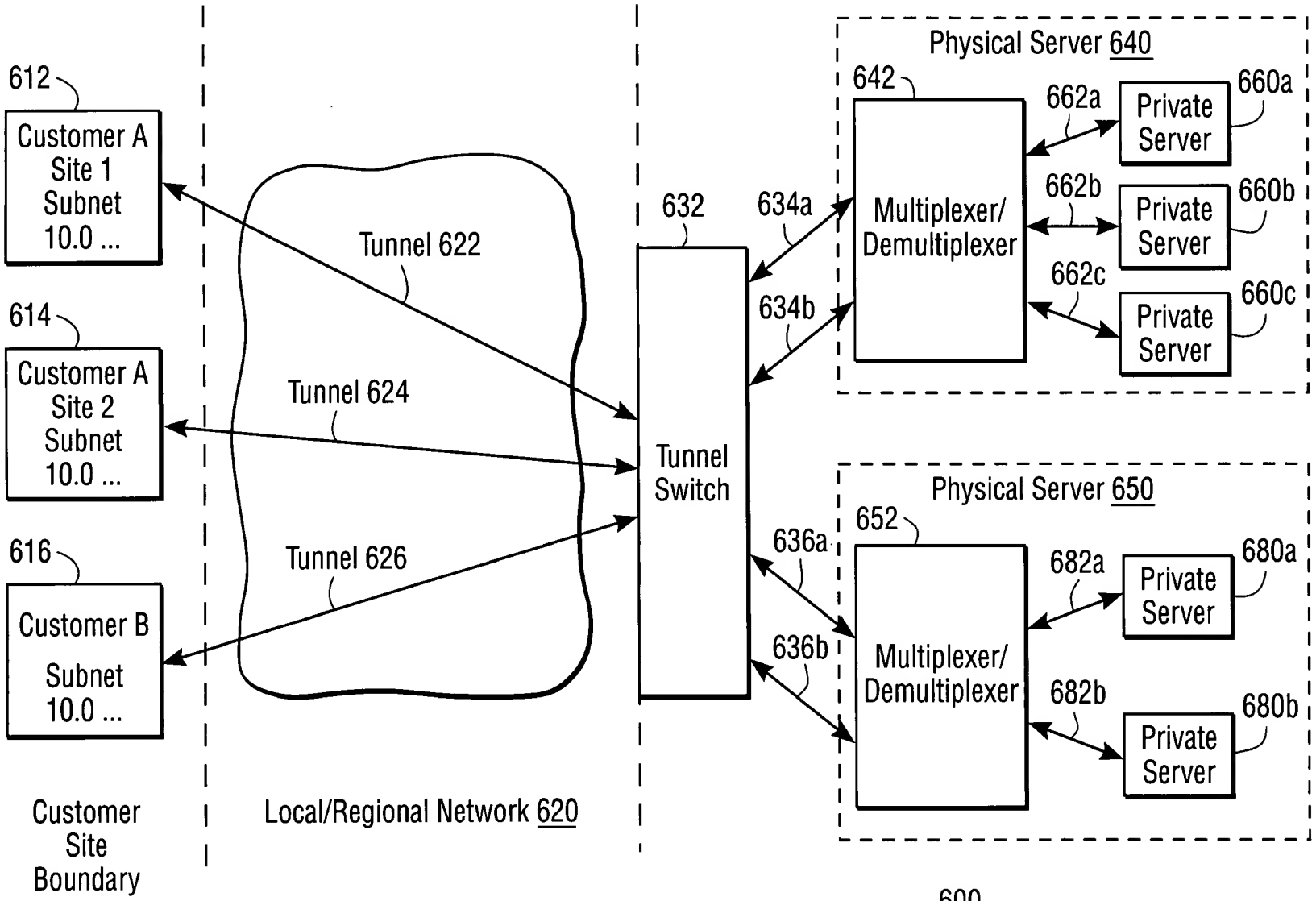
FIG. 4

POSTED: 05692560



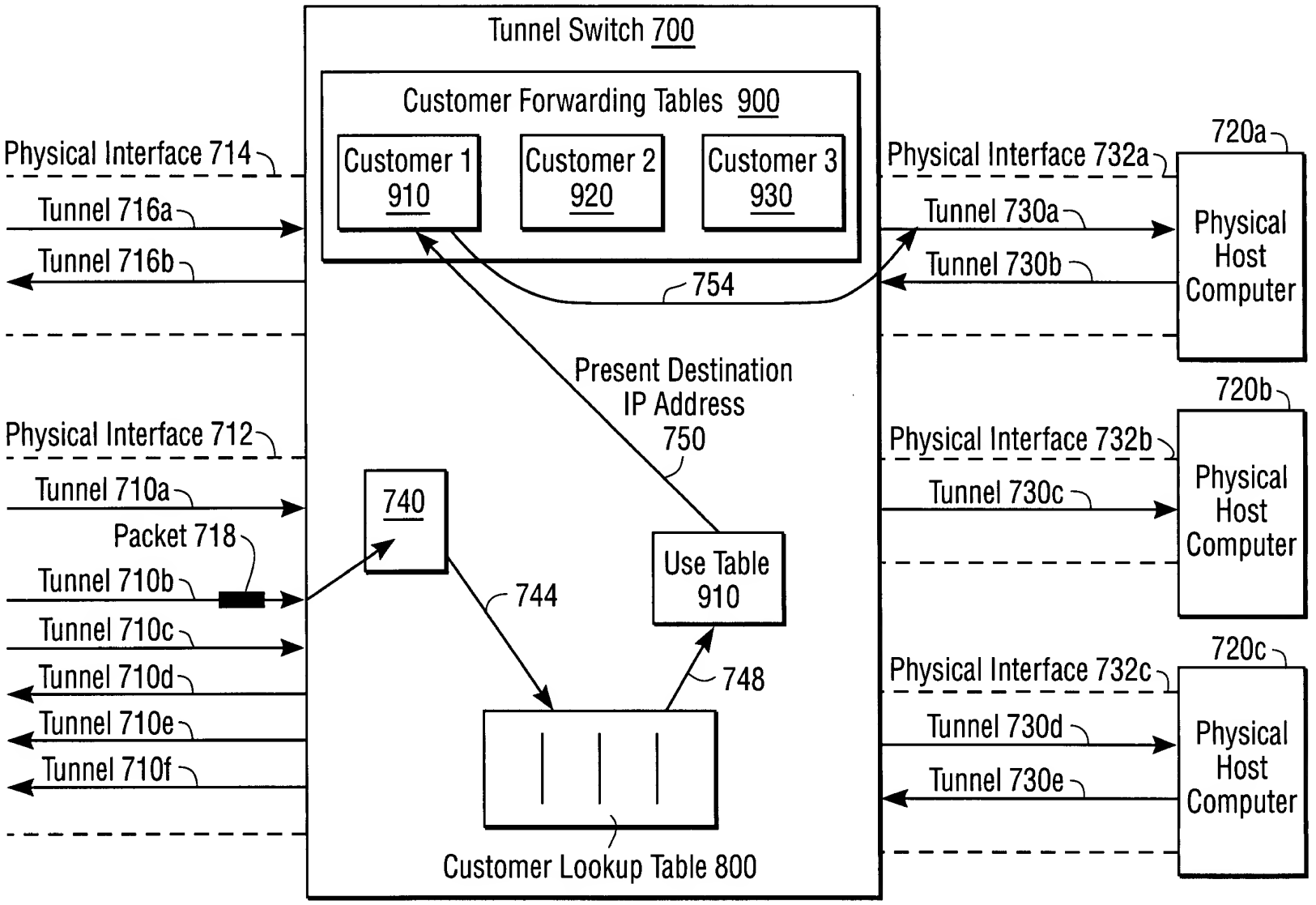
Multiplexer/Demultiplexer
Private Server-to-Tunnel Traffic

FIG. 5



Multiplexing with Tunnel Switching

FIG. 6



Tunnel Switch

FIG. 7

0STE0 0869360

Customer Lookup Table 800

Incoming Physical Interface	Incoming Tunnel ID	Service	Customer ID
712	710a	PS	Customer 1
712	710b	PS	Customer 1
712	710c	TS	Customer 2
732a	730b	PS	Customer 1
732c	730e	PS	Customer 3
•	•	•	•
•	•	•	•
•	•	•	•

Customer Lookup Table

FIG. 8

DOCKET 09592560

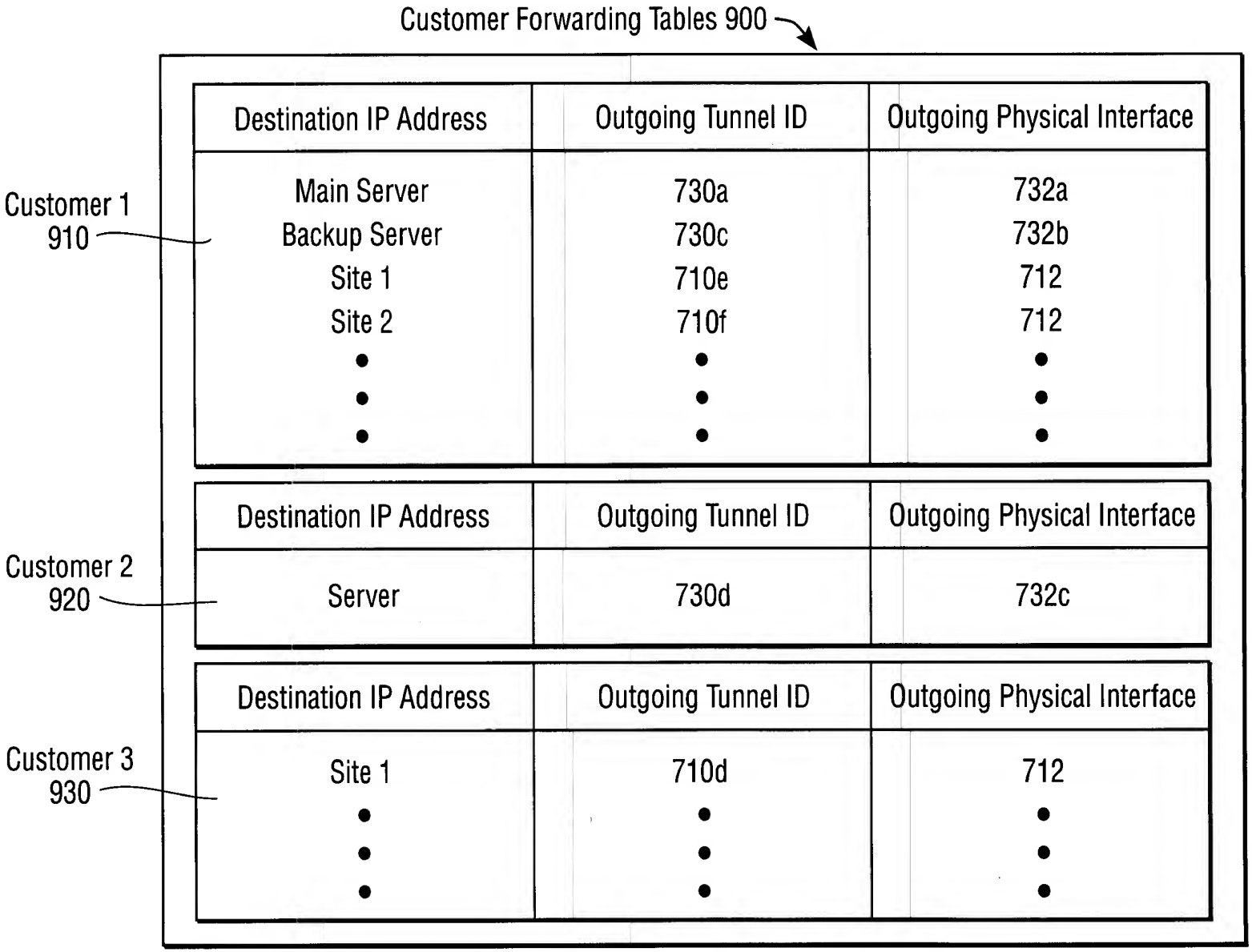
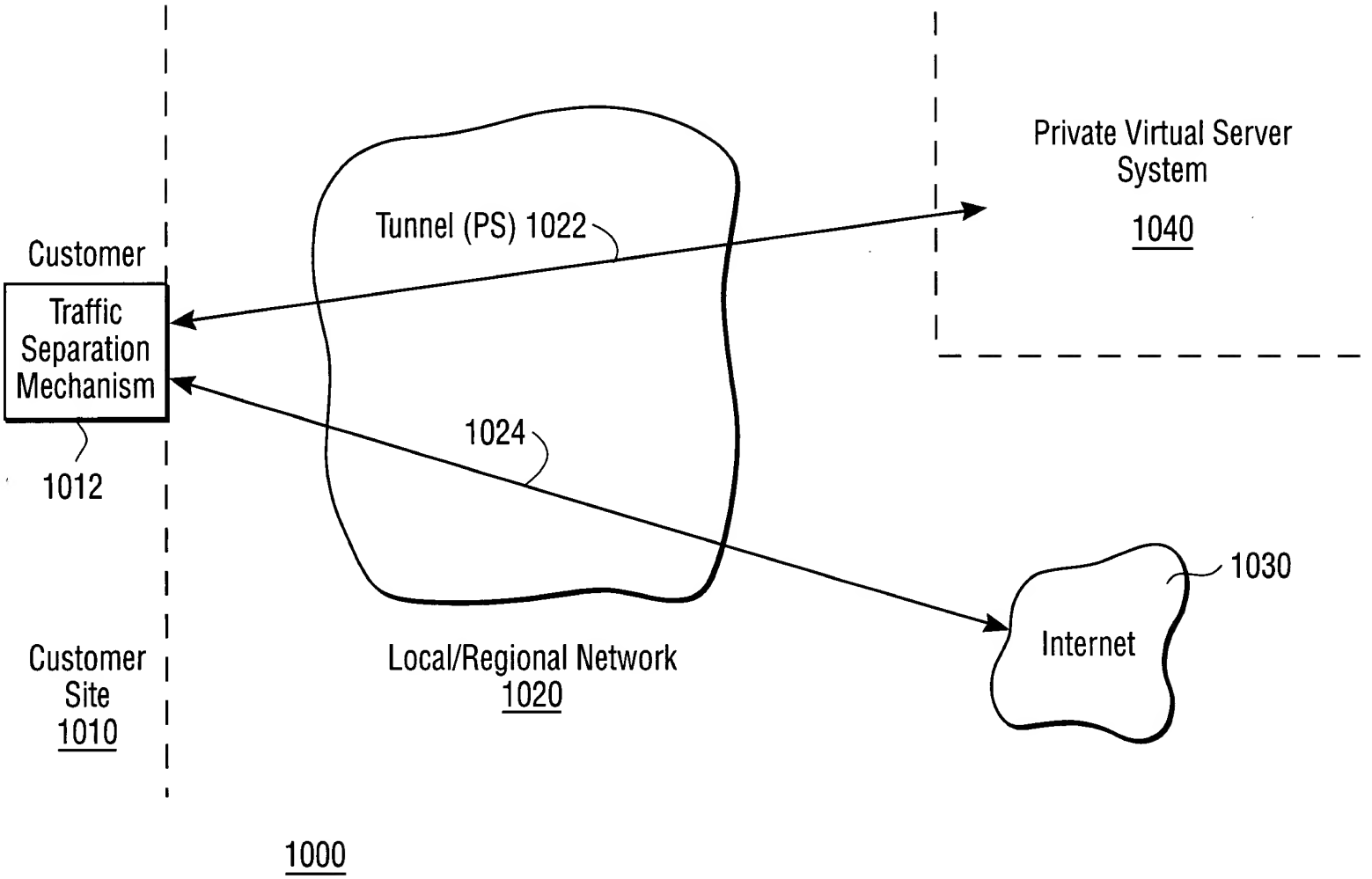


FIG. 9

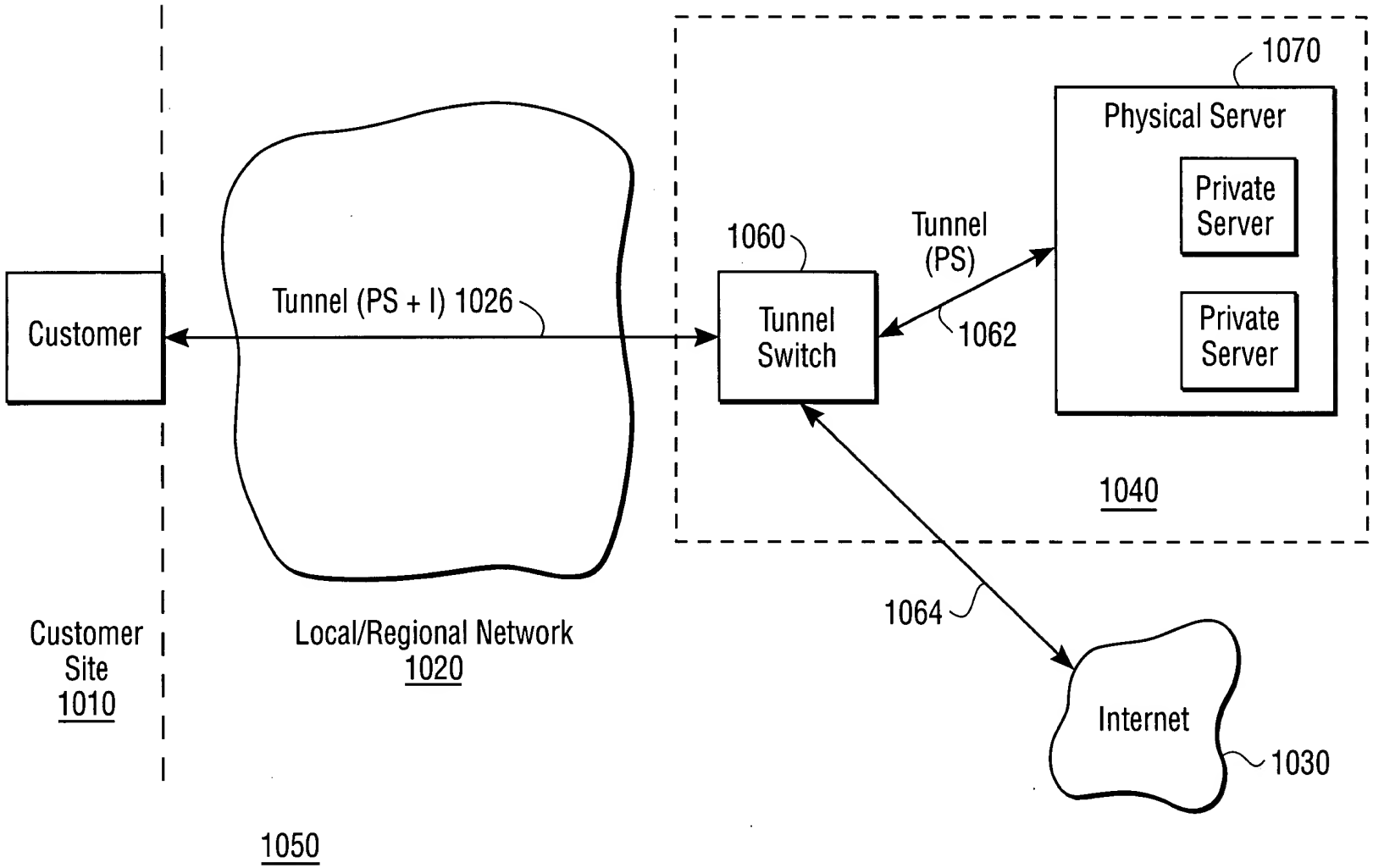
DOSTEO" 0869265A



Separation of Internet and Private Server Traffic

FIG. 10A

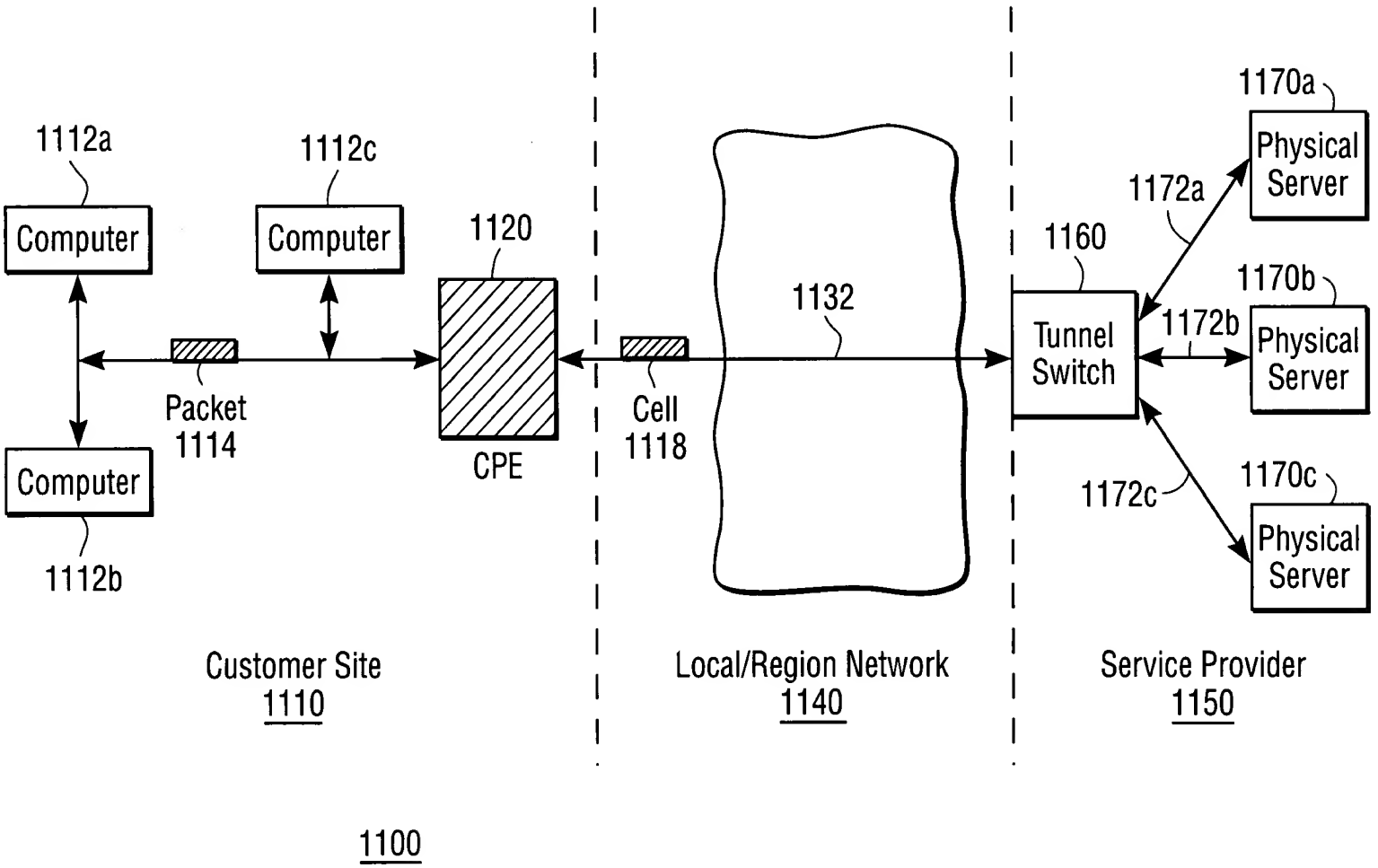
POSTED 09693560



Separation of Internet and PS Traffic

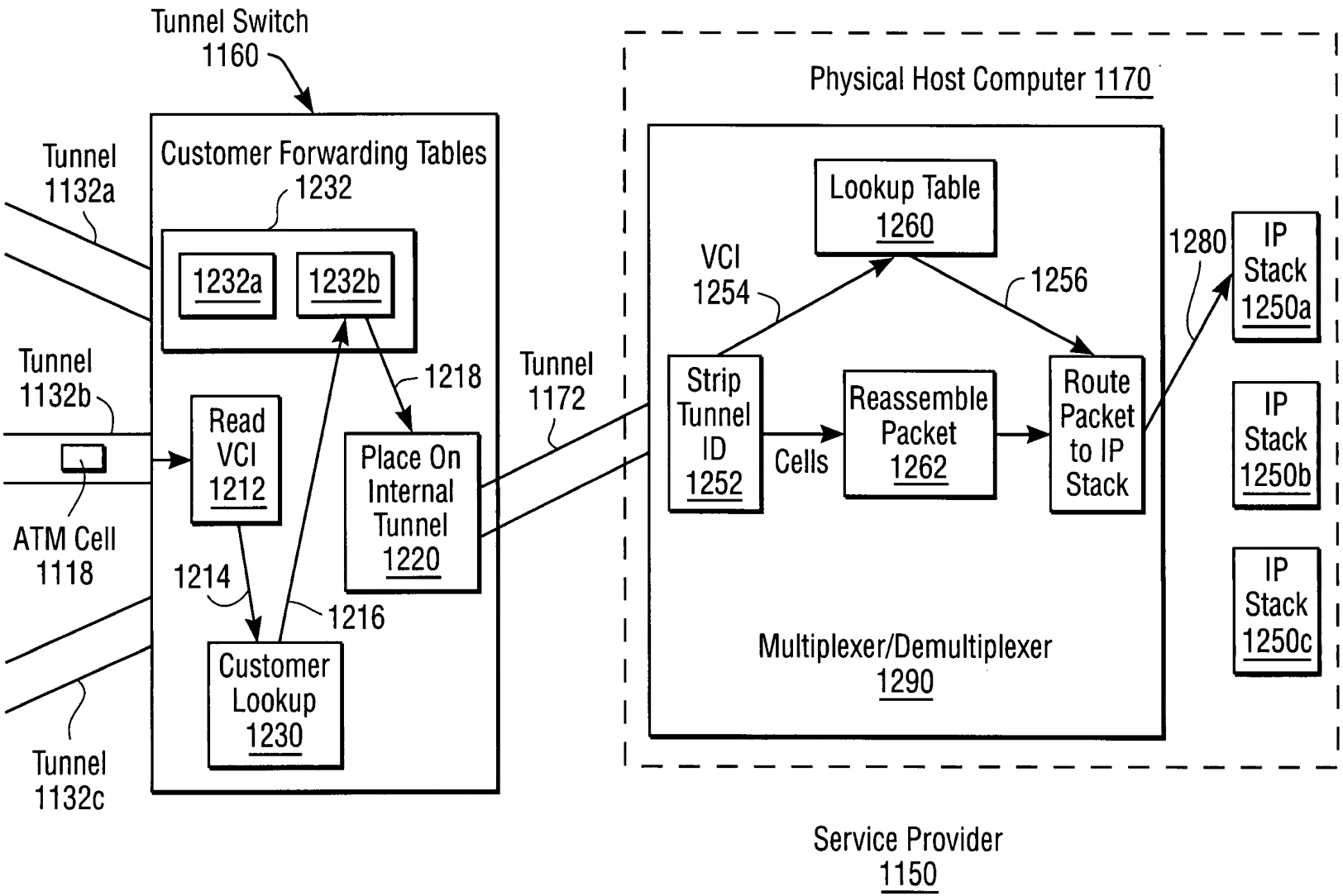
FIG. 10B

DOCKET 09692560



ATM Tunnel Using DSL

FIG. 11



ATM Tunnel Trace

FIG. 12